

EXPLANATION

Outcrop areas of the Gem Park
Complex shown by darker shades

Tg
Twt
Tt
Tt

Tq
Quartz latite

S
dp
da
dap
dbm
I

Dikes
S, syenite porphyry
Carbonatites, dikes are near vertical ex-
cept as indicated by attitude symbol:
dp, dolomite-pyroxene
da, dolomite-apatite
dap, dolomite-blue amphibole-pyro-
chlore
dbm, dolomite-barite-monazite
I, lamprophyre

Cgs
Syenite pegmatite

Cgg
Gabbro
Cgp
Pyroxenite

pCg
pCi
Gneiss or quartzite

Granitic gneiss, with subordinate amphi-
bolite and hornblende gneiss
pCg, gneiss
pCi, gneiss or quartzite inclusions in the
Gem Park Complex

Contact, approximately located
Dashed where inferred

Fault, approximately located
Dashed where inferred

Strike and dip of planar structure

Magnetite body

19
Sample locality number

Adit

Open pit

X
Prospect



Base from U.S. Geological Survey
Cotopaxi 1:62,500, 1959

0 500 1000 1500 2000 FEET
CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL

Geology by R. L. Parker and
W. N. Sharp, 1963-68

GEOLOGIC MAP OF THE GEM PARK, FREMONT AND CUSTER COUNTIES, COLORADO